

Table P-3: 1990 Key Source Tier 1 Analysis - Level Assessment

IPCC Source Categories	Direct Greenhouse Gas	Base Year Estimate (Tg CO <sub>2</sub> Eq.)	Current Year Estimate (Tg CO <sub>2</sub> Eq.)	Level Assessment	Cumulative Total
CO <sub>2</sub> Emissions from Stationary Combustion - Coal	CO <sub>2</sub>	1,692.60	1,692.60	0.28	0.28
Mobile Combustion: Road & Other	CO <sub>2</sub>	1,235.49	1,235.49	0.20	0.48
CO <sub>2</sub> Emissions from Stationary Combustion - Gas	CO <sub>2</sub>	952.76	952.76	0.16	0.63
CO <sub>2</sub> Emissions from Stationary Combustion - Oil	CO <sub>2</sub>	662.46	662.46	0.11	0.74
CH <sub>4</sub> Emissions from Solid Waste Disposal Sites	CH <sub>4</sub>	213.41	213.41	0.03	0.78
Direct N <sub>2</sub> O Emissions from Agricultural Soils	N <sub>2</sub> O	193.49	193.49	0.03	0.81
Mobile Combustion: Aviation	CO <sub>2</sub>	176.88	176.88	0.03	0.84
Fugitive Emissions from Oil & Gas Operations	CH <sub>4</sub>	147.64	147.64	0.02	0.86
CH <sub>4</sub> Emissions from Enteric Fermentation in Domestic Livestock	CH <sub>4</sub>	127.88	127.88	0.02	0.88
CO <sub>2</sub> Emissions from Other Industrial Processes	CO <sub>2</sub>	123.65	123.65	0.02	0.90
Fugitive Emissions from Coal Mining and Handling	CH <sub>4</sub>	87.12	87.12	0.01	0.92
Indirect N <sub>2</sub> O Emissions from Nitrogen Used in Agriculture	N <sub>2</sub> O	73.60	73.60	0.01	0.93
Mobile Combustion: Marine	CO <sub>2</sub>	59.43	59.43	0.01	0.94
Mobile Combustion: Road & Other	N <sub>2</sub> O	48.86	48.86	0.01	0.95
HFC-23 Emissions from HCFC-22 Manufacture	HFCs	34.98	34.98	0.01	0.95
CO <sub>2</sub> Emissions from Cement Production	CO <sub>2</sub>	33.28	33.28	0.01	0.96
SF <sub>6</sub> Emissions from Electrical Equipment	SF <sub>6</sub>	31.23	31.23	0.01	0.96
Indirect CO <sub>2</sub> Emissions from CH <sub>4</sub> Oxidation	CO <sub>2</sub>	30.90	30.90	0.01	0.97
CH <sub>4</sub> Emissions from Manure Management	CH <sub>4</sub>	29.19	29.19	<0.01	0.97
CH <sub>4</sub> Emissions from Wastewater Handling	CH <sub>4</sub>	24.25	24.25	<0.01	0.98
PFC Emissions from Aluminum Production	PFCs	18.11	18.11	<0.01	0.98
N <sub>2</sub> O Emissions from Nitric Acid Production	N <sub>2</sub> O	17.85	17.85	<0.01	0.98
N <sub>2</sub> O Emissions from Manure Management	N <sub>2</sub> O	16.03	16.03	<0.01	0.98
Non-CO <sub>2</sub> Emissions from Stationary Combustion	N <sub>2</sub> O	12.82	12.82	<0.01	0.99
N <sub>2</sub> O Emissions from Adipic Acid Production	N <sub>2</sub> O	14.89	14.89	<0.01	0.99
CO <sub>2</sub> Emissions from Waste Incineration	CO <sub>2</sub>	14.09	14.09	<0.01	0.99
CO <sub>2</sub> Emissions from Lime Production	CO <sub>2</sub>	11.24	11.24	<0.01	0.99
Non-CO <sub>2</sub> Emissions from Stationary Combustion	CH <sub>4</sub>	7.90	7.90	<0.01	0.99
CH <sub>4</sub> Emissions from Rice Production	CH <sub>4</sub>	7.12	7.12	<0.01	0.99
N <sub>2</sub> O Emissions from Wastewater Handling	N <sub>2</sub> O	7.04	7.04	<0.01	1.00
SF <sub>6</sub> Emissions from Magnesium Production	SF <sub>6</sub>	5.50	5.50	<0.01	1.00
CO <sub>2</sub> Emissions from Natural Gas Flaring	CO <sub>2</sub>	5.51	5.51	<0.01	1.00
Mobile Combustion: Road & Other	CH <sub>4</sub>	4.67	4.67	<0.01	1.00
PFC, HFC, and SF <sub>6</sub> Emissions from Semiconductor Manufacturing	SF <sub>6</sub>	2.86	2.86	<0.01	1.00
Mobile Combustion: Aviation	N <sub>2</sub> O	1.71	1.71	<0.01	1.00
CH <sub>4</sub> Emissions from Other Industrial Processes	CH <sub>4</sub>	1.19	1.19	<0.01	1.00
Emissions from Substitutes for Ozone Depleting Substances	Several	0.94	0.94	<0.01	1.00
CH <sub>4</sub> Emissions from Agricultural Residue Burning	CH <sub>4</sub>	0.68	0.68	<0.01	1.00
N <sub>2</sub> O Emissions from Agricultural Residue Burning	N <sub>2</sub> O	0.37	0.37	<0.01	1.00
Mobile Combustion: Marine	N <sub>2</sub> O	0.36	0.36	<0.01	1.00
N <sub>2</sub> O Emissions from Waste Incineration	N <sub>2</sub> O	0.29	0.29	<0.01	1.00
CO <sub>2</sub> Emissions from Stationary Combustion - Geothermal Energy	CO <sub>2</sub>	0.22	0.22	<0.01	1.00
Mobile Combustion: Aviation	CH <sub>4</sub>	0.16	0.16	<0.01	1.00
Mobile Combustion: Marine	CH <sub>4</sub>	0.07	0.07	<0.01	1.00
<b>TOTAL</b>		<b>6,130.72</b>	<b>6,130.72</b>	<b>1.00</b>	

Note: Sinks (e.g., LUCF, Landfill Carbon Storage) are not included in this analysis.